

Fig. 1A

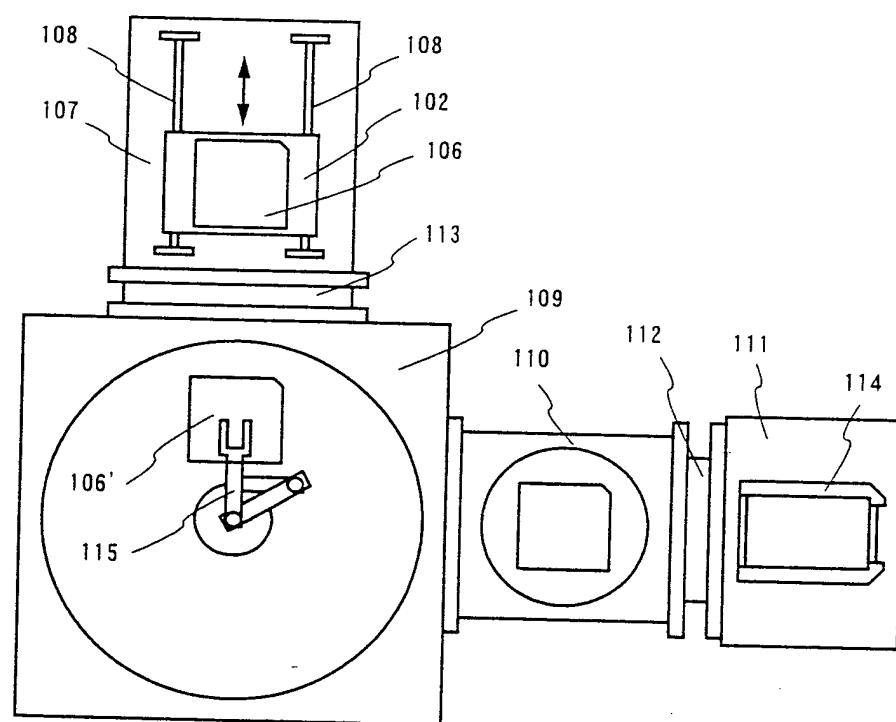


Fig. 1B

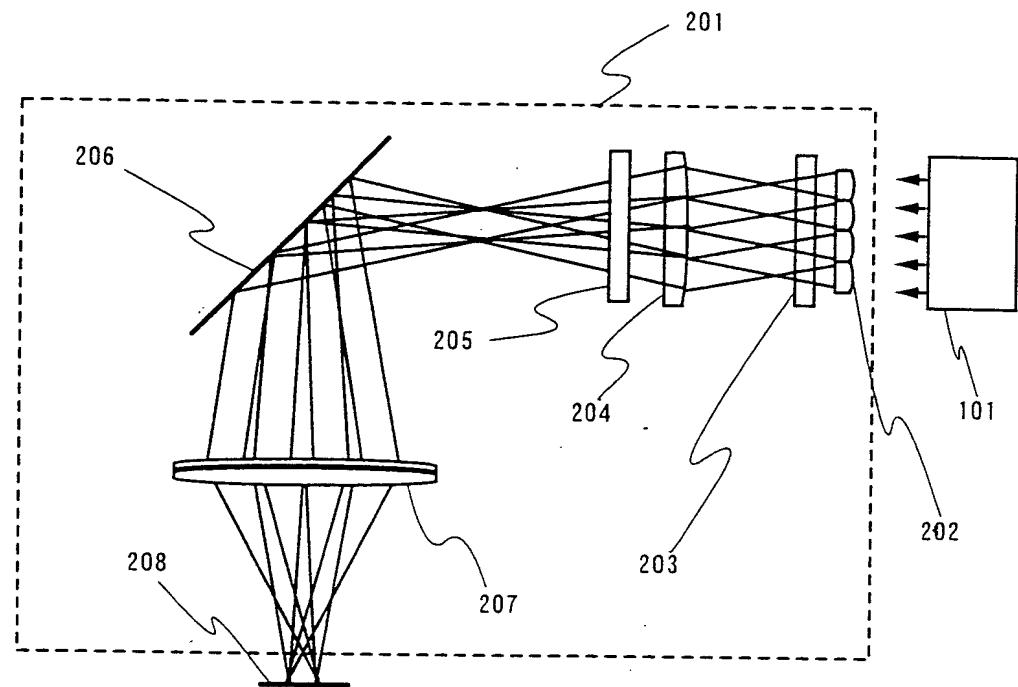


Fig. 2A

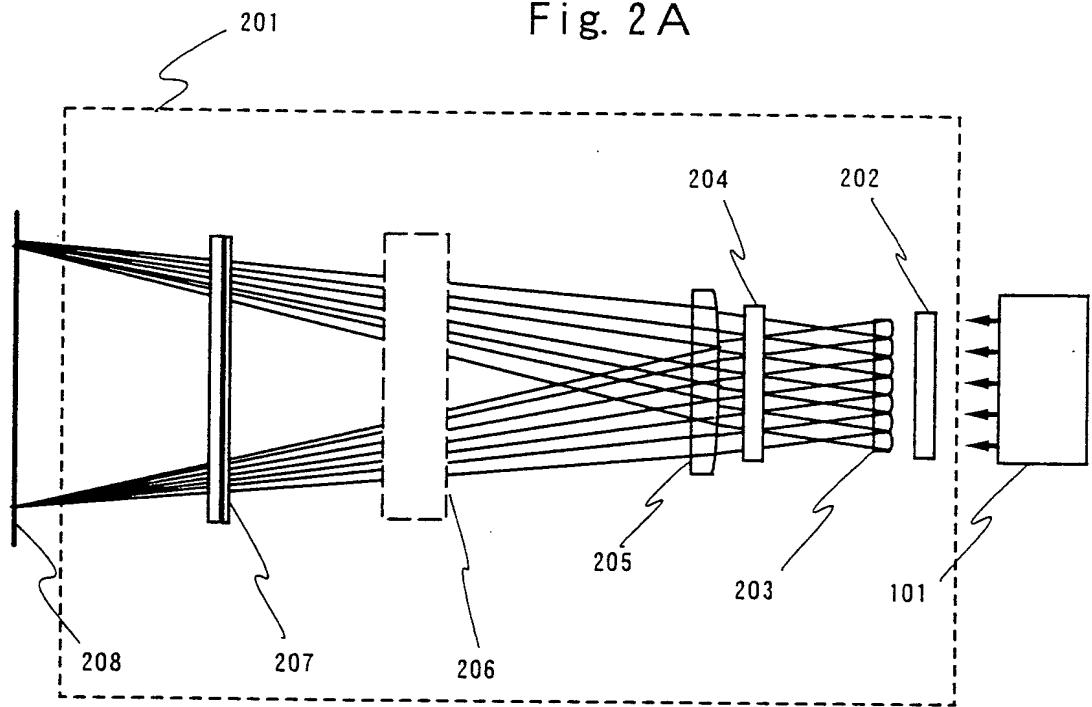


Fig. 2B

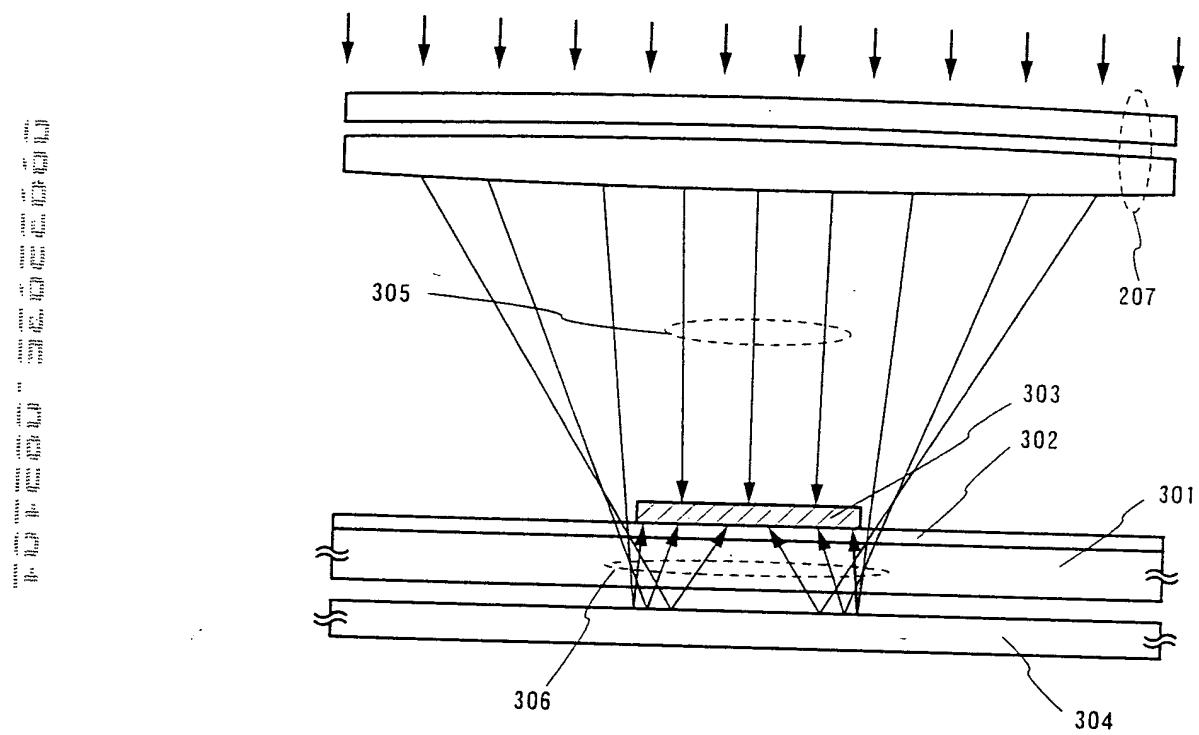


Fig. 3

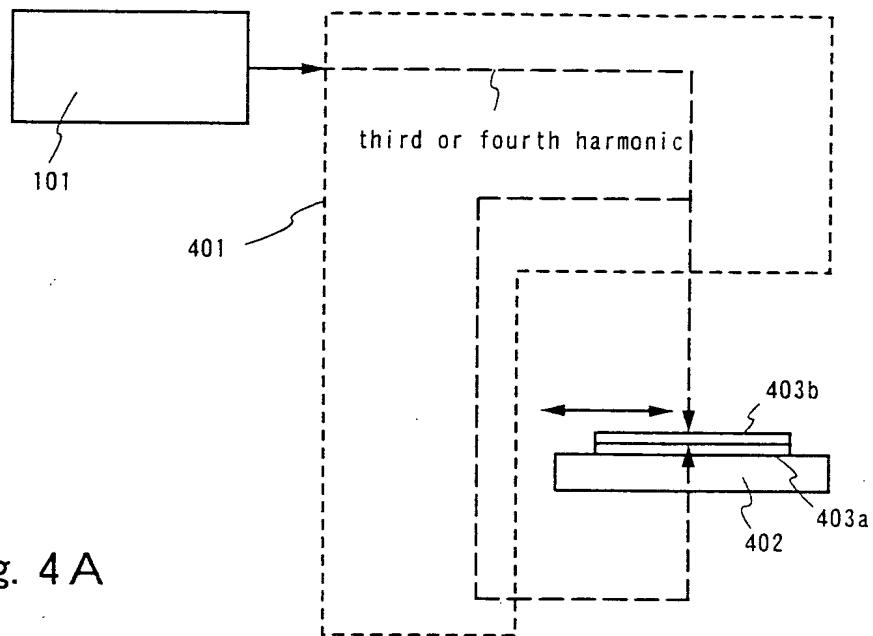


Fig. 4A

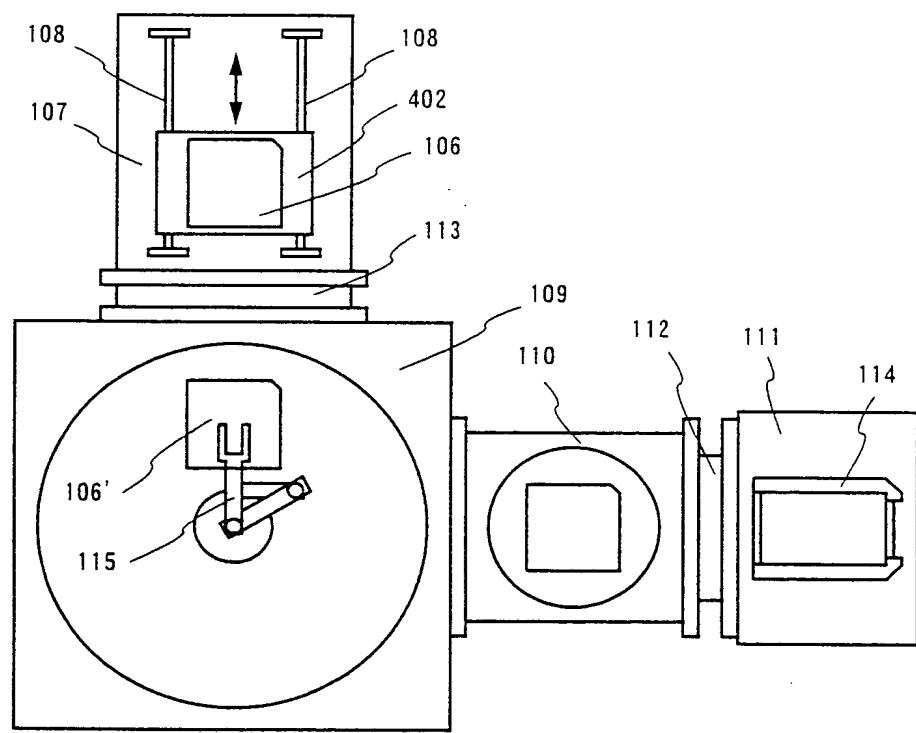


Fig. 4B

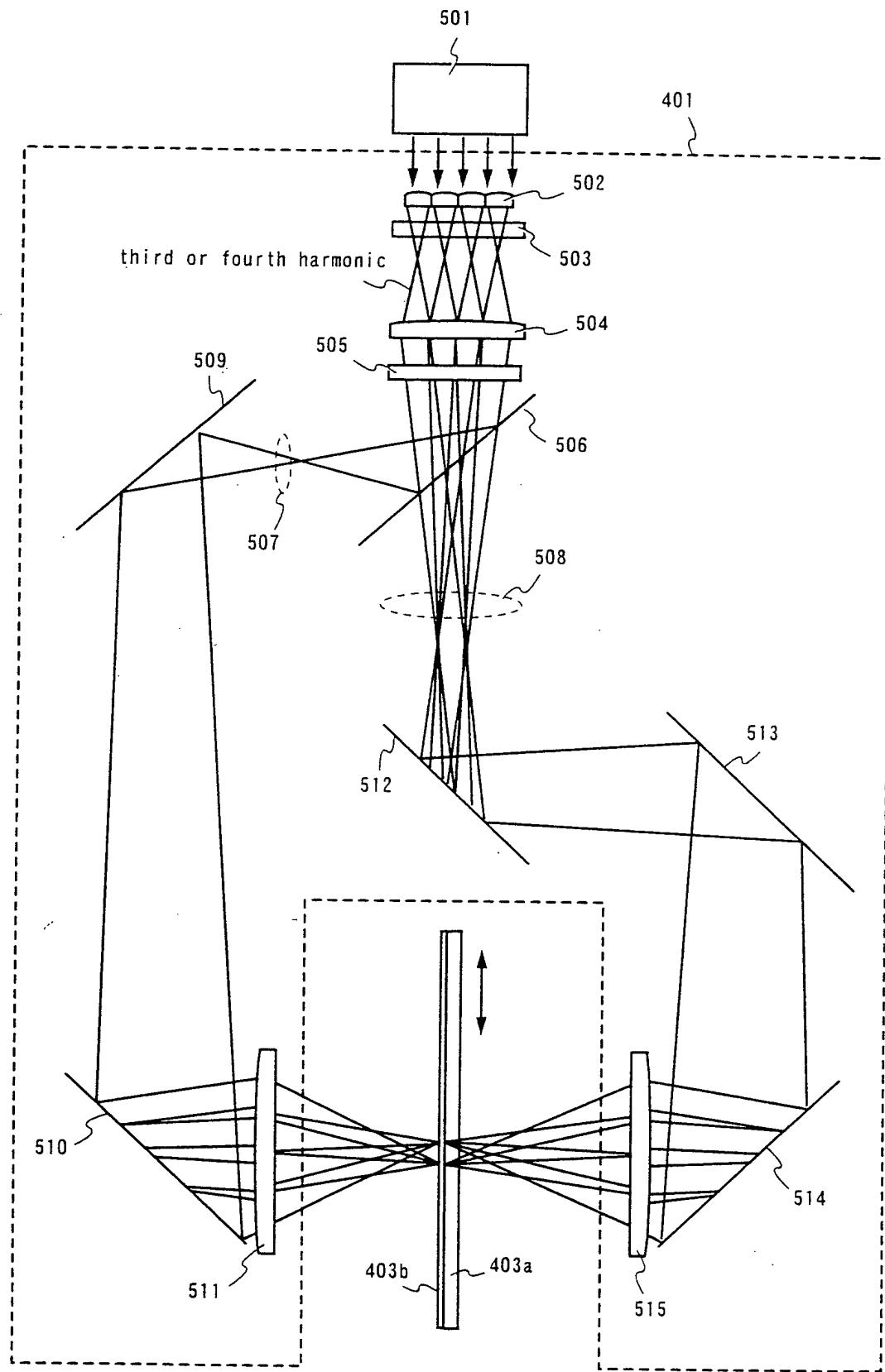


Fig. 5

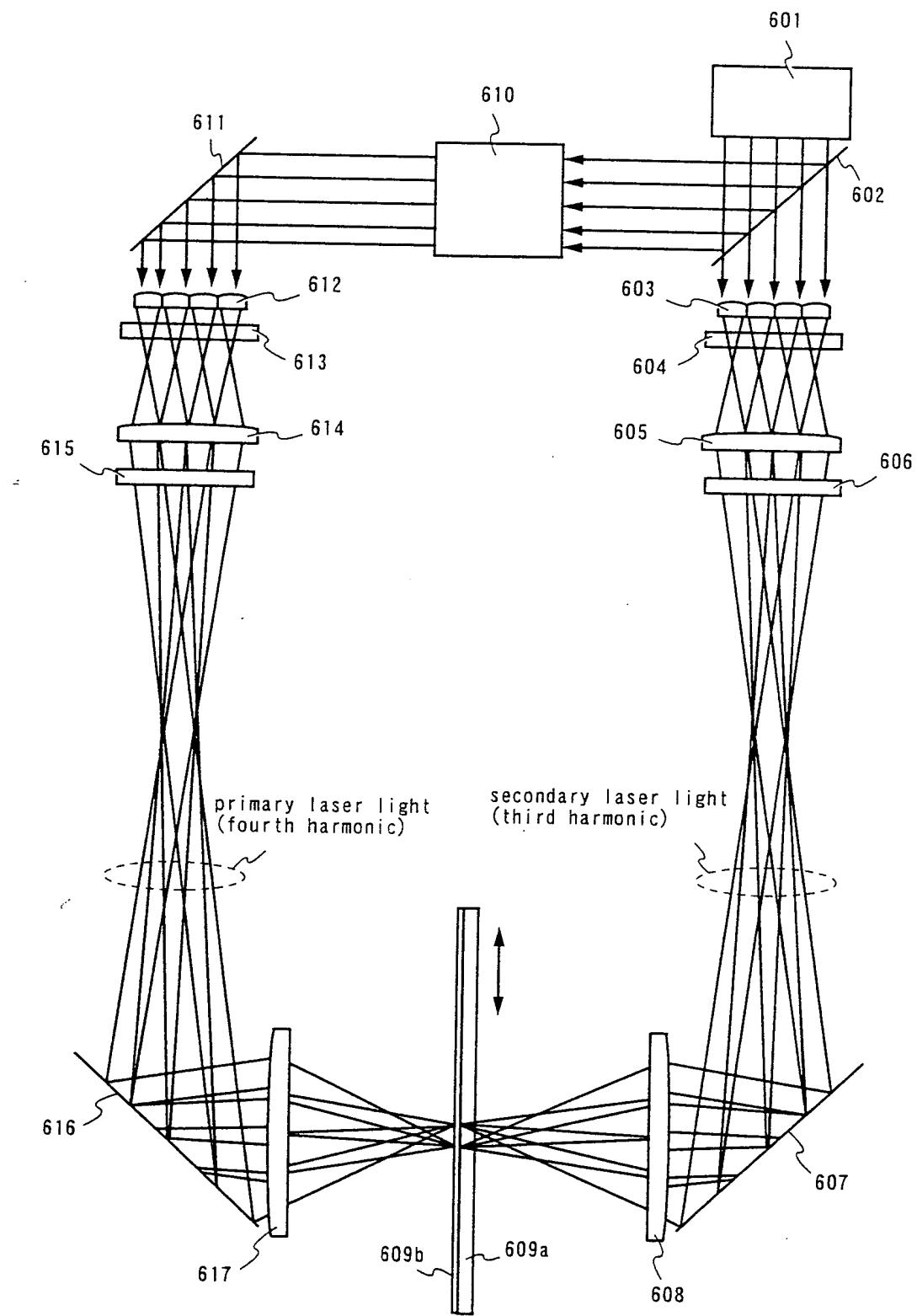


Fig. 6

Fig. 7 A

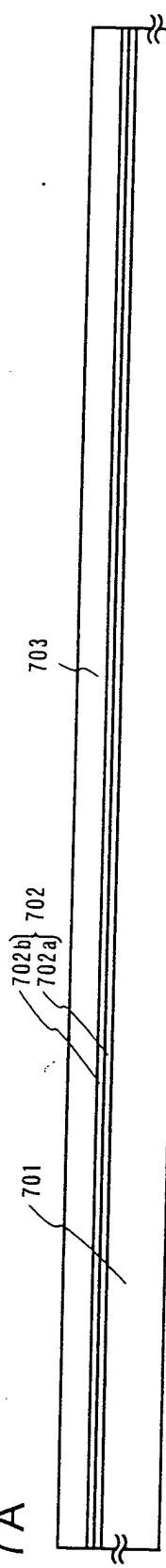


Fig. 7 B

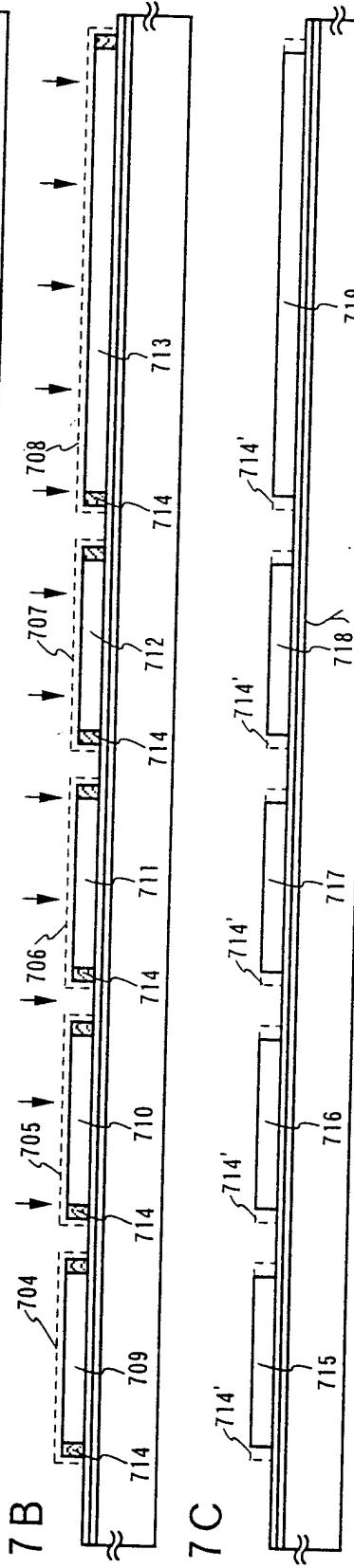


Fig. 7 C

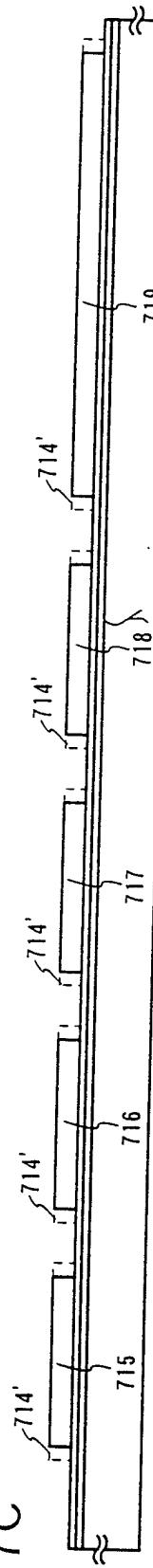


Fig. 7 D

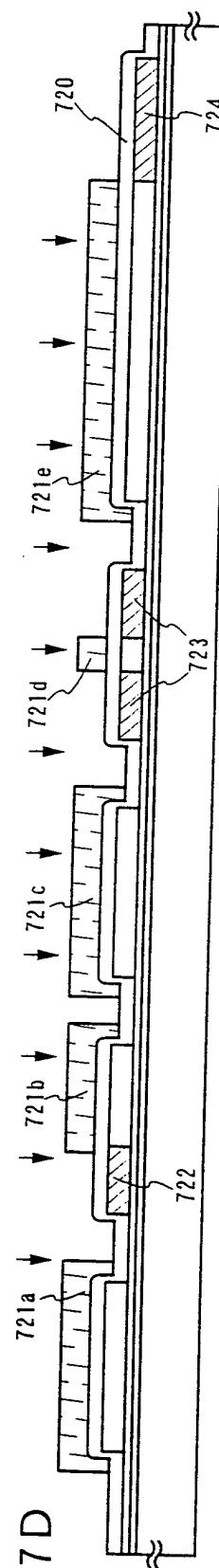


Fig. 7 E

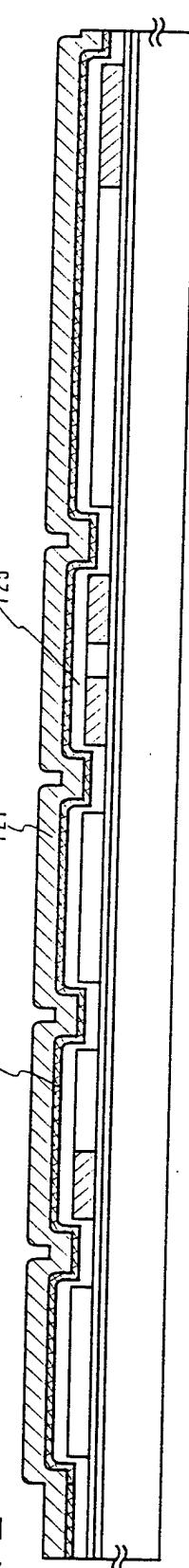


Fig. 8A

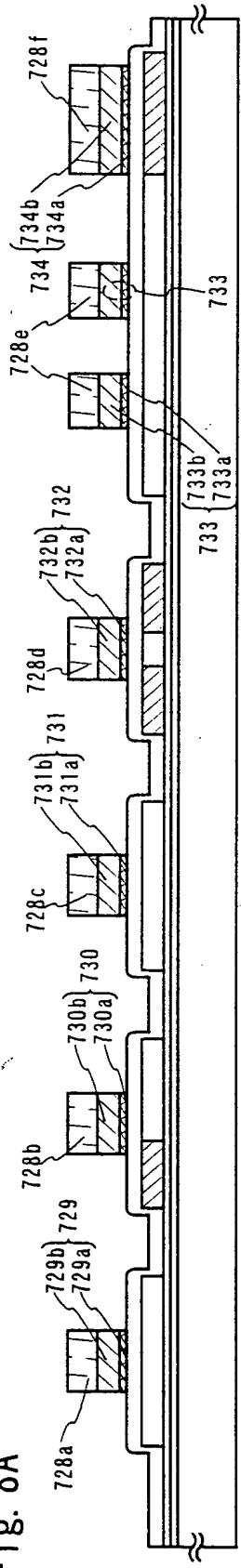


Fig. 8B

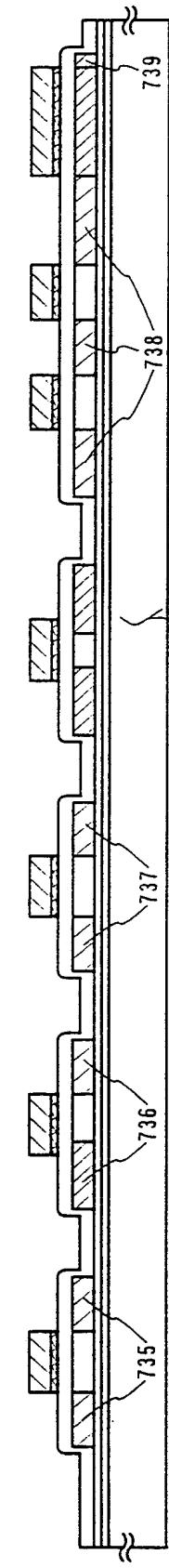


Fig. 8C

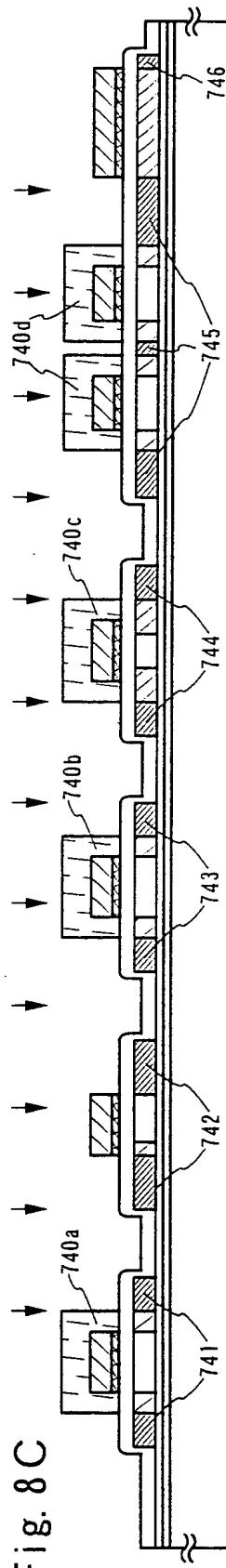


Fig. 8D

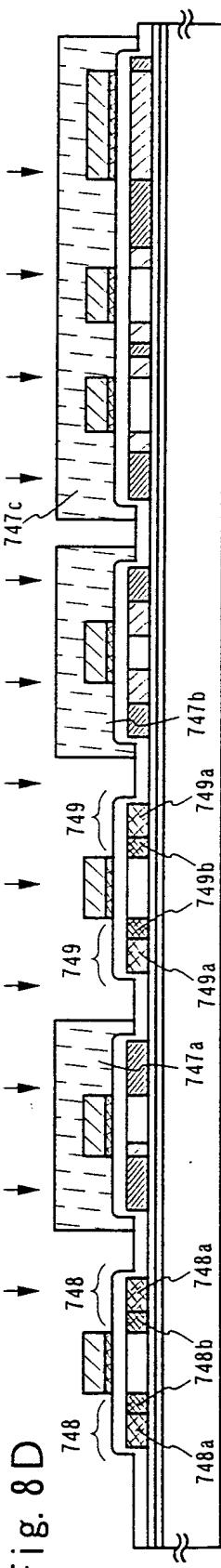


Figure 9A shows a cross-sectional view of a pixel portion of a liquid crystal display device. The structure includes a substrate, a gate electrode, a gate insulating film, a pixel electrode, and a common electrode. The pixel electrode is labeled 750.

Fig. 9A

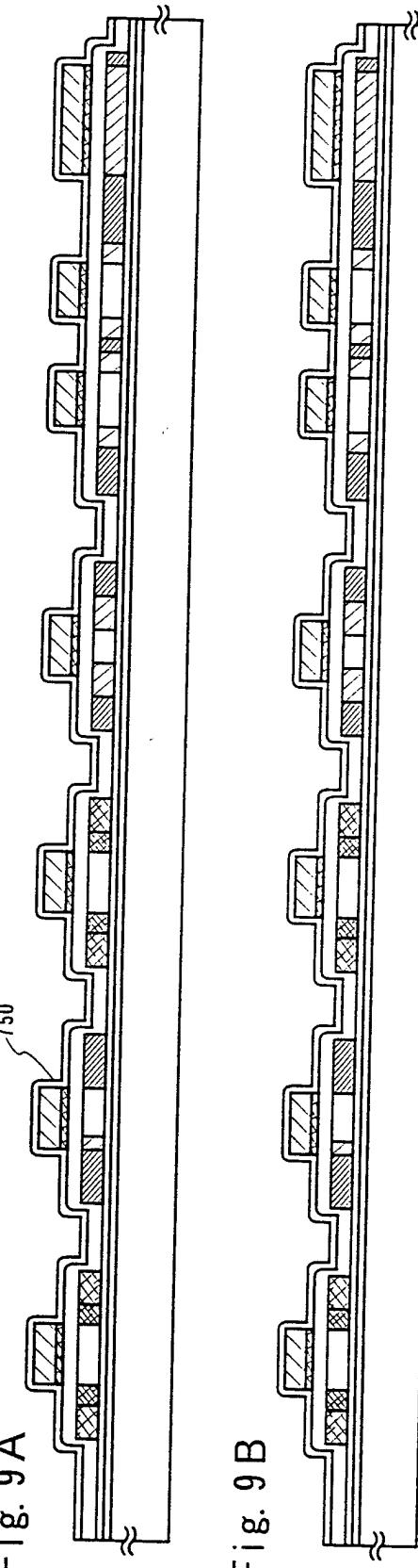


Fig. 9B

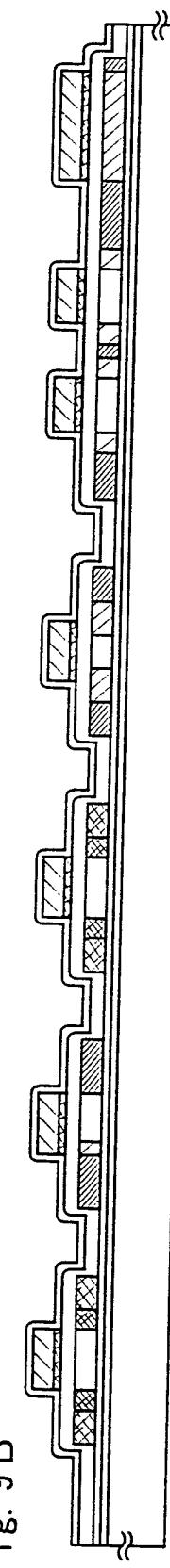
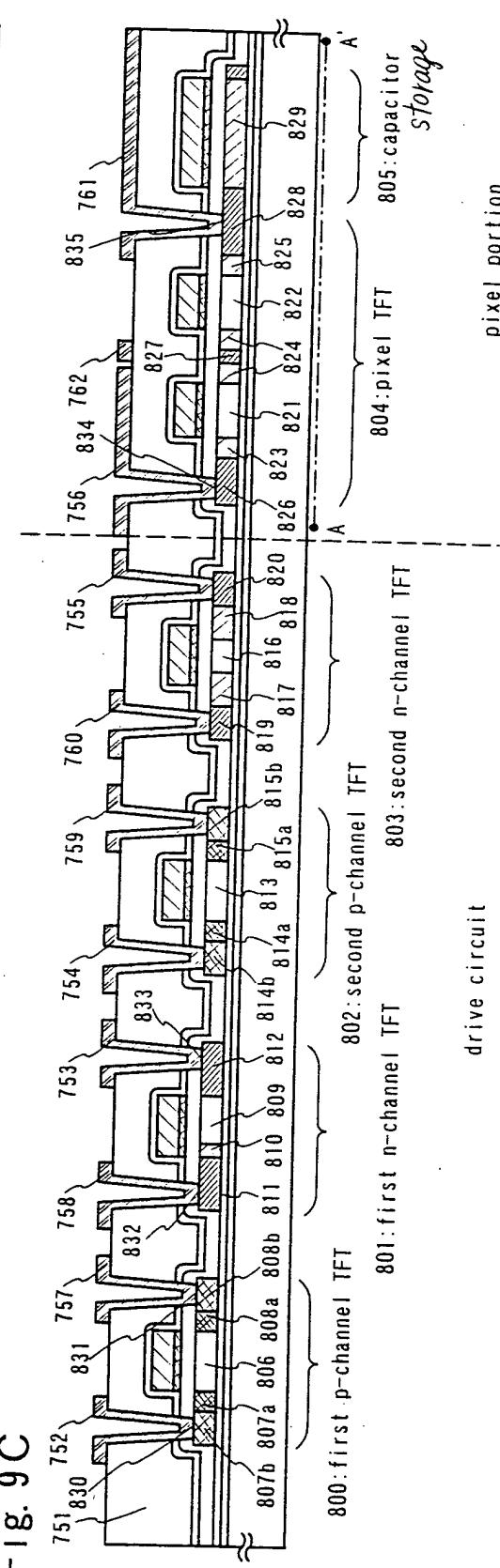


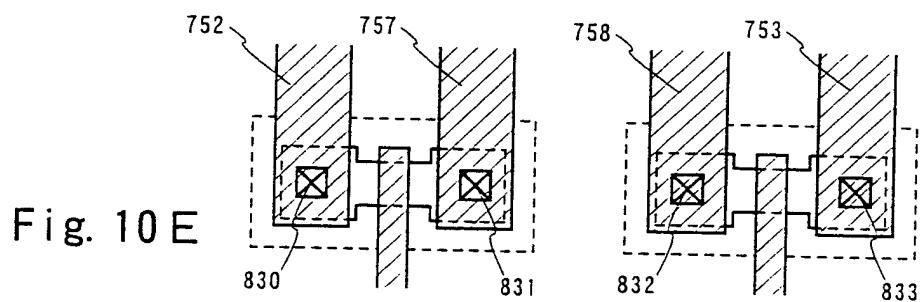
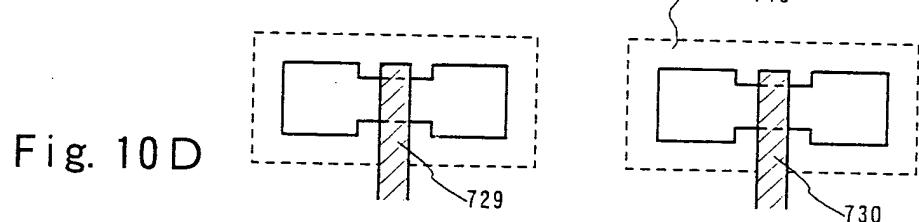
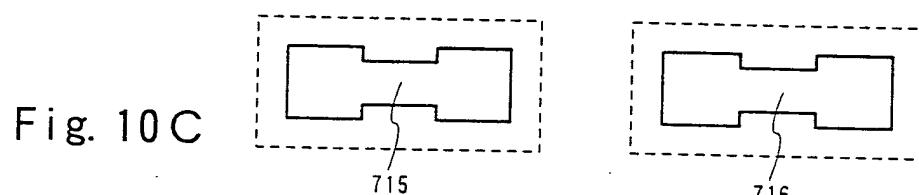
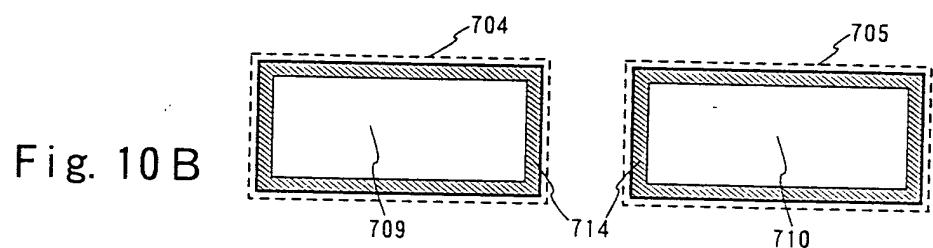
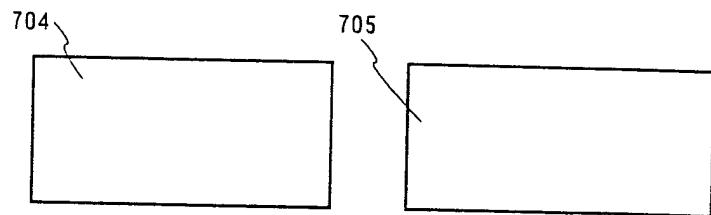
Fig. 9C

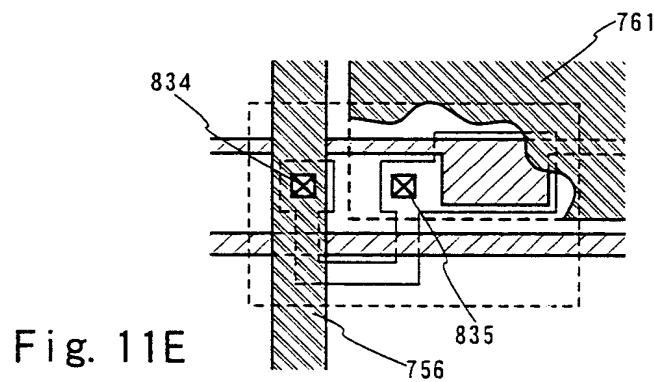
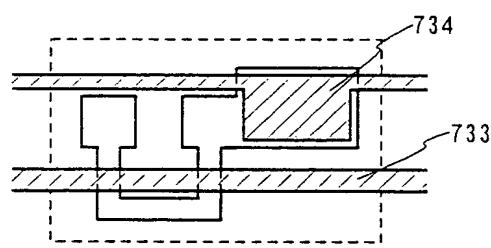
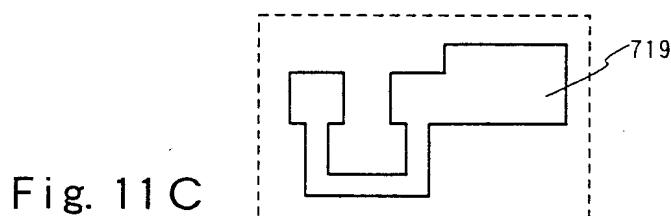
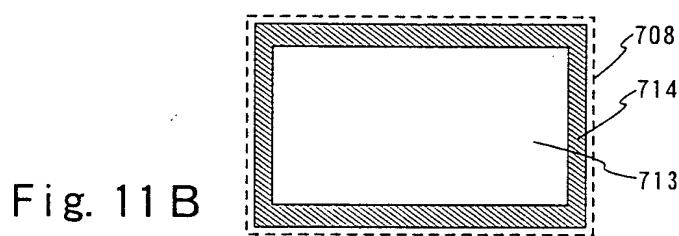
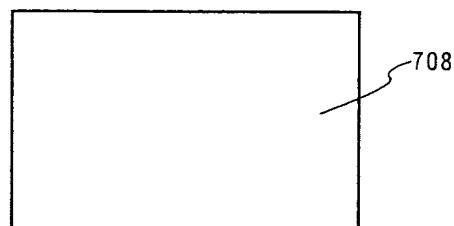


pixel portion

drive circuit

805: capacitor storage
804:pixel TFT
803:second n-channel TFT
802:second p-channel TFT
801:first n-channel TFT
800:first p-channel TFT





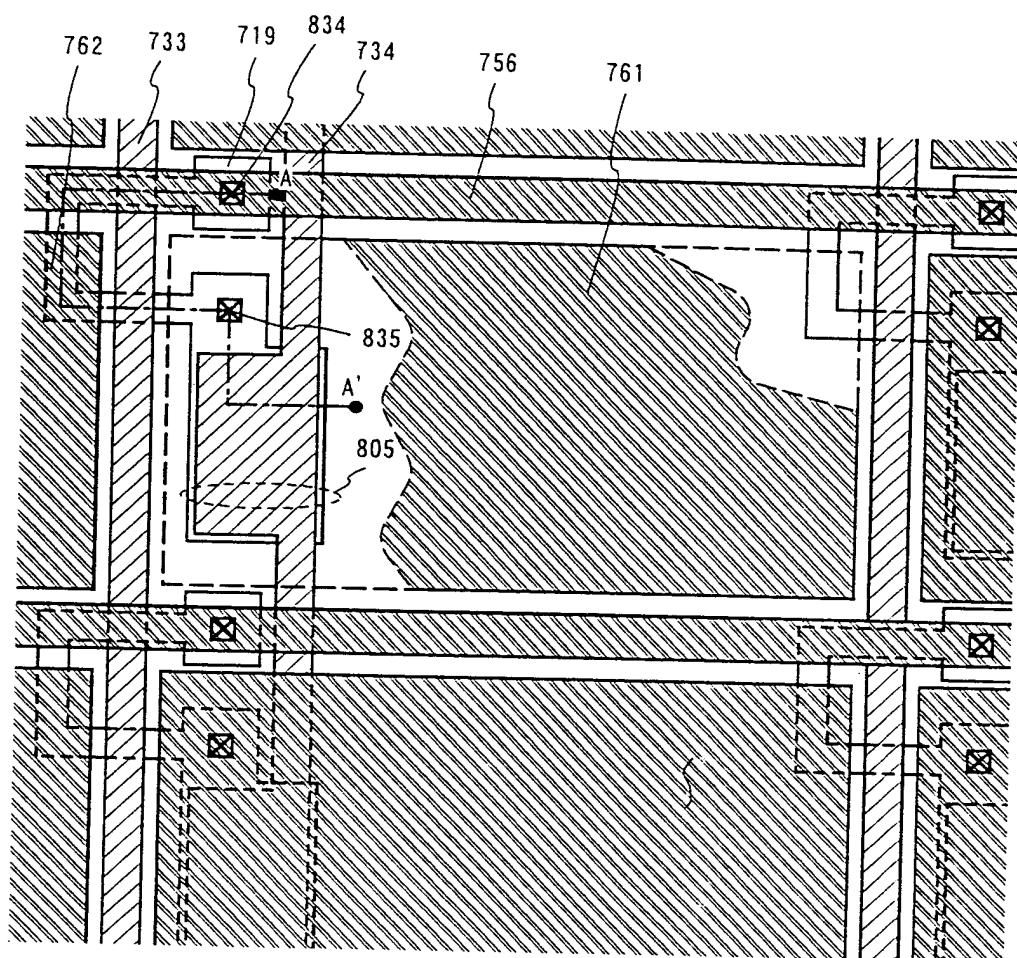
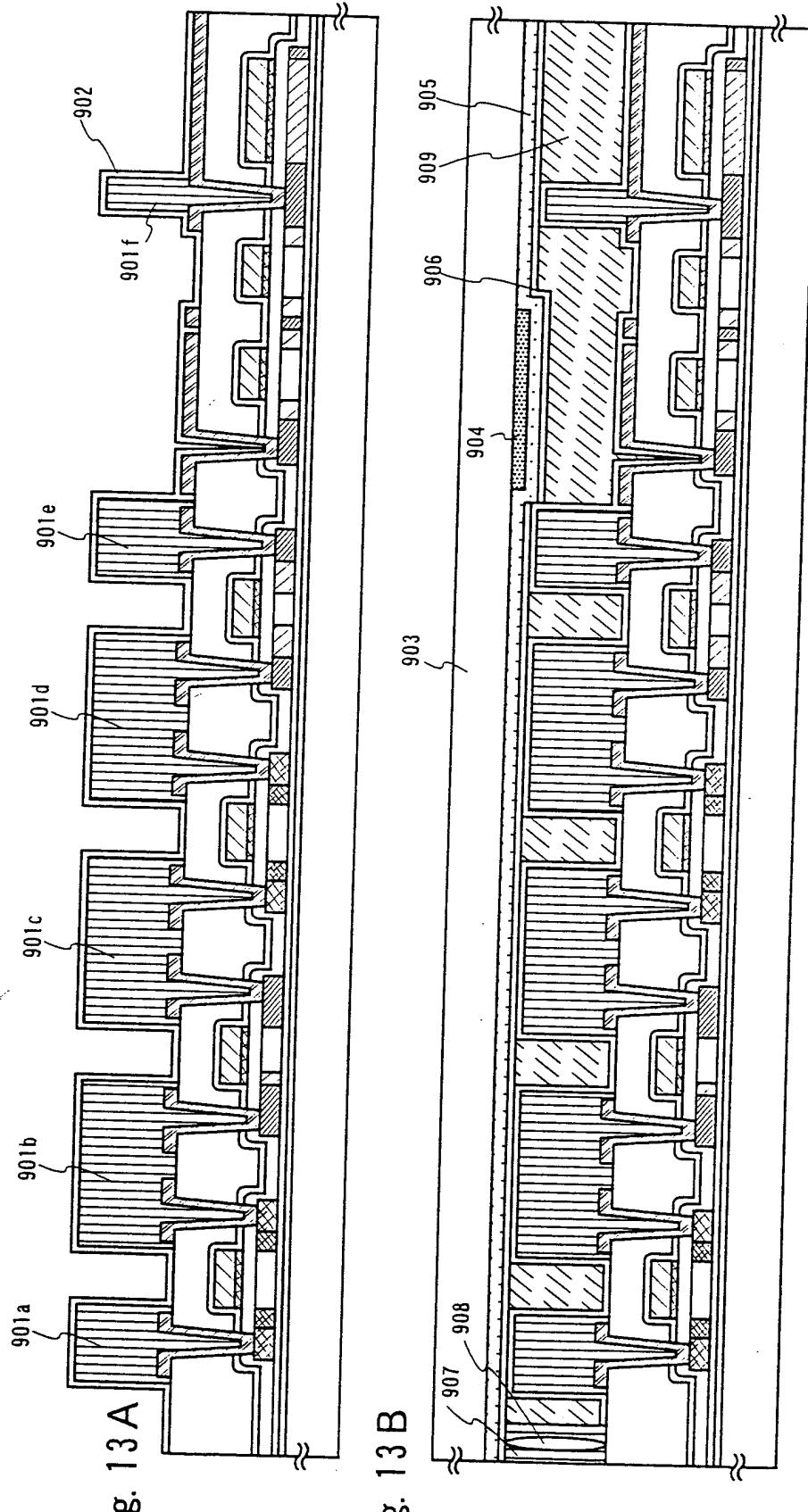


Fig. 12



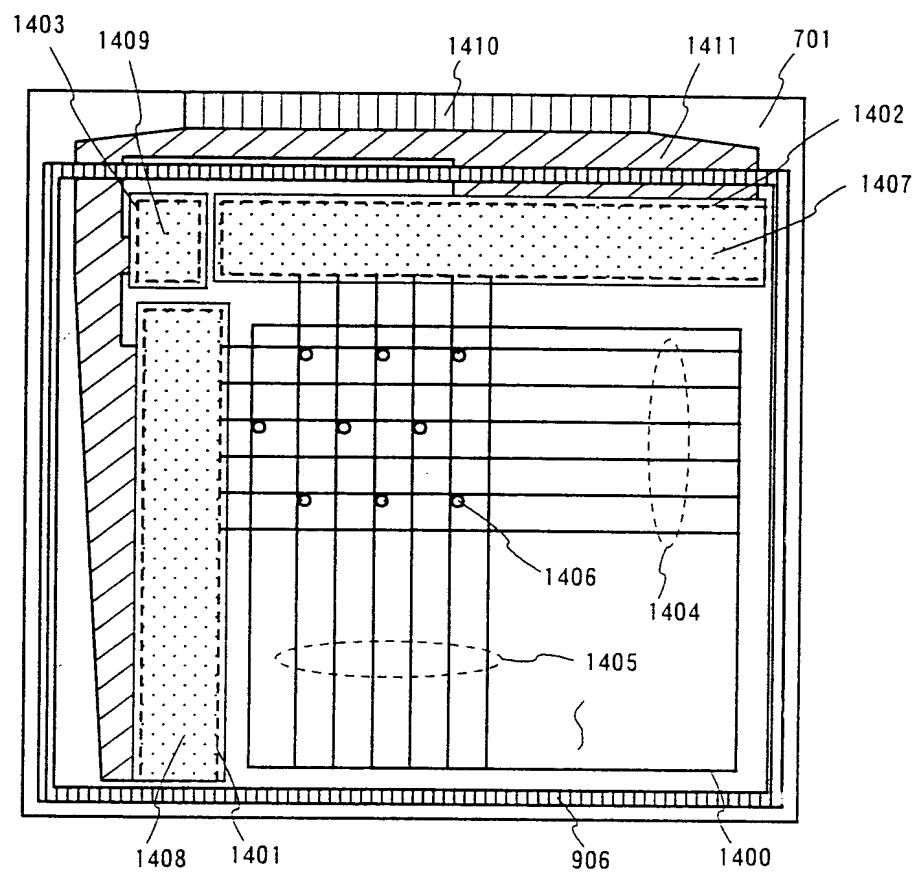


Fig. 14

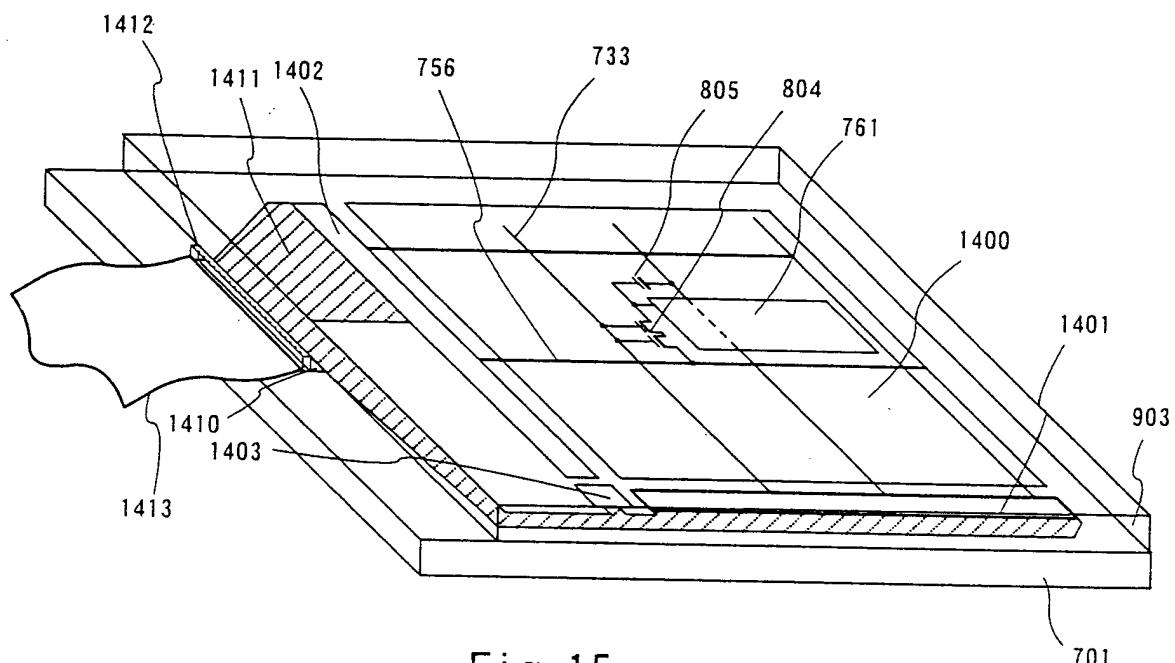


Fig. 15

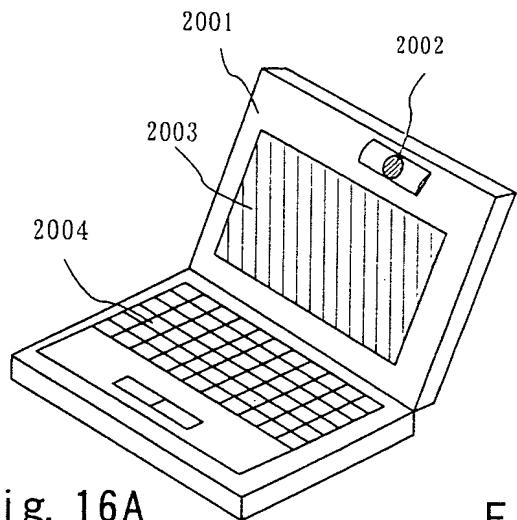


Fig. 16A

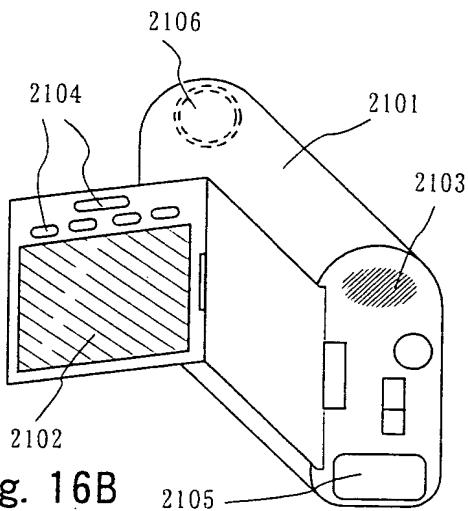


Fig. 16B

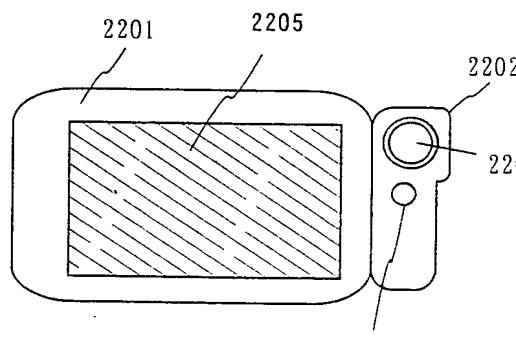


Fig. 16C

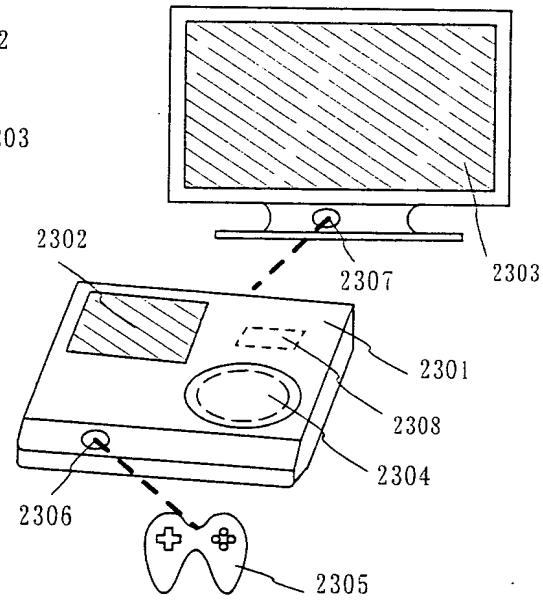


Fig. 16D

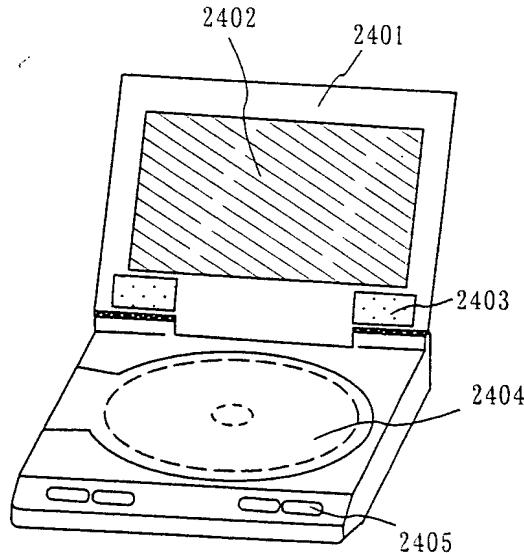


Fig. 16E

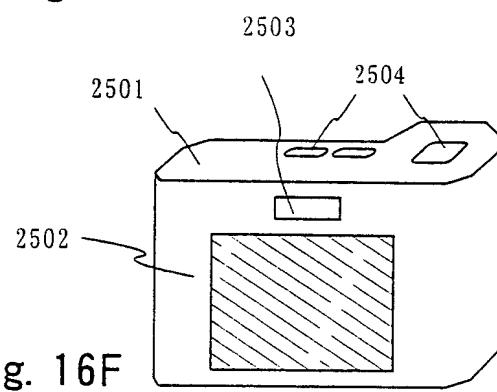


Fig. 16F

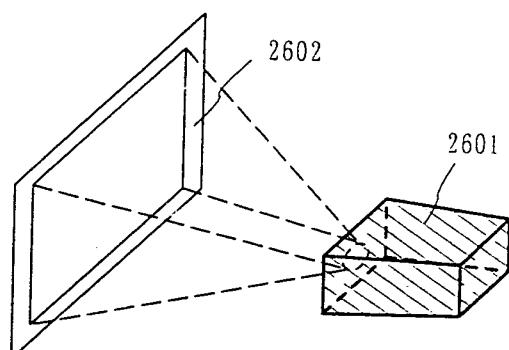


Fig. 17A

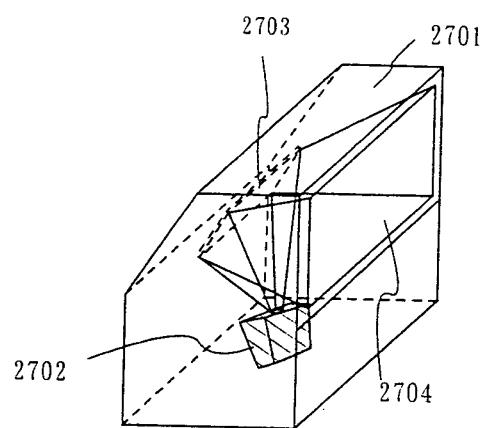


Fig. 17B

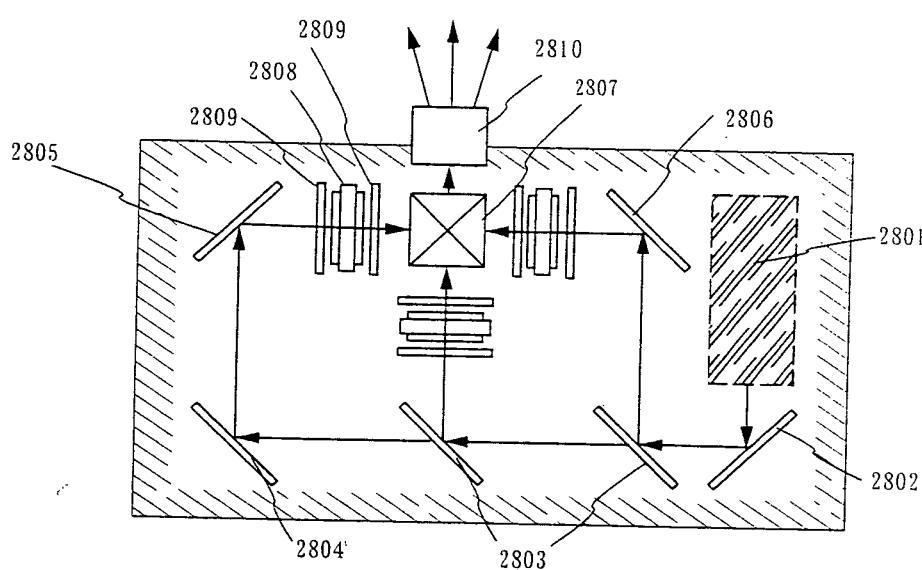


Fig. 17C

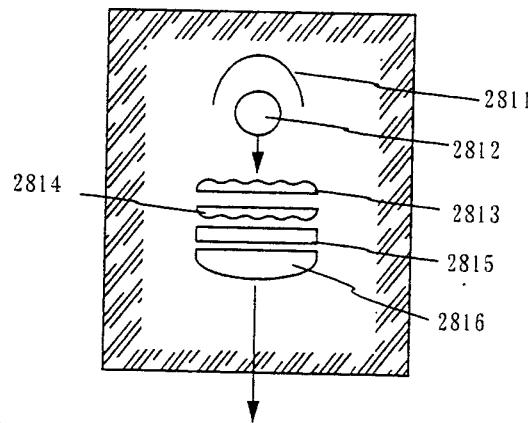


Fig. 17D

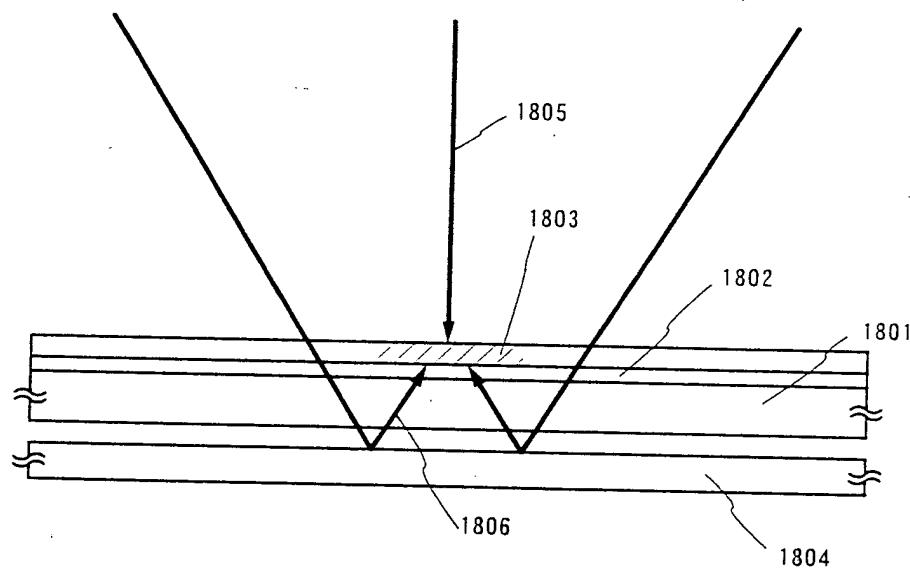


Fig. 18